

Chapter 7 Study Sheet

system of linear equations:

Three Possible Solutions to Systems of Linear Equations (and when they occur):

To Solve Systems via Graphing:

To Solve Systems via Substitution:

To Solve Systems via Elimination:

Deciding which Integer to Use for Multiplication to Foster Elimination:

Chapter 7 Study Sheet (cont):

To Solve ANY Systems Word Problem (five steps):

1. Define _____ (look to the _____)!
2. Write a _____ of _____.
3. Solve the system via _____ ,
_____ or _____.
4. Check via _____ and _____.
5. Write your answers with _____.

Add Any Additional Personal Reminders for Systems Problems Below:

Chapter 7 Study Sheet (the final pages)

definition of linear inequality:

definition of solutions of a linear inequality:

To Graph Linear Inequalities

To Graph Systems of Linear Inequalities

Solving Systems of Linear Inequalities with Atypical Solutions

To Solve Linear Inequalities Word Problems

Current/Wind Word Problems